

1 **WHAT IS CLAIMED IS:**

- 2 1. A remote distribution cabinet comprising:
3 at least one panelboard having a plurality of circuit breakers;
4 a plurality of structural members attached to the panelboard, thereby forming a
5 frame structure including the panelboard; and
6 a bottom member attached to the structural members.
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8 2. The remote distribution cabinet of claim 1 wherein the bottom member is sized to
9 allow the remote distribution cabinet to fit within a raised floor tile space.
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11 3. The remote distribution cabinet of claim 2 further comprising a junction box
12 attached to the bottom member so as to be disposed beneath a raised floor.
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14 4. The remote distribution cabinet of claim 1 further comprising at least one access
15 panel covering the plurality of circuit breakers.
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17 5. The remote distribution cabinet of claim 4 wherein the access panel allows visual
18 inspection of the circuit breakers without opening the access panel.
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20 6. The remote distribution cabinet of claim 4 wherein said access panel is adjustable
21 to allow for a shift in the position of the circuit breakers within the panelboard.
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23 7. The remote distribution cabinet of claim 1 comprising at least two panelboards
24 wherein one or more panelboards are arranged to receive power from different sources.
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26 8. The remote distribution cabinet of claim 7 further comprising a tie-breaker for
27 providing power from one of a plurality of sources to one or more panelboards.
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29 9. The remote distribution cabinet of claim 1 further comprising a tie-breaker for
30 providing power from one of a plurality of sources to one or more panelboards.
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1 10. The remote distribution cabinet of claim 1 further comprising a current
2 monitoring unit arranged to measure the current of each panelboard.

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4 11. The remote distribution cabinet of claim 1 further comprising at least one main
5 circuit breaker for each panelboard.

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7 12. The remote distribution cabinet of claim 1 further comprising an access panel
8 separately covering each of the panelboards, wherein service can be performed on at least
9 one panelboard without exposure to remaining energized panelboards.

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11 13. The remote distribution cabinet of claim 12 wherein the access panel allows
12 visual inspection and operation of the panelboard circuit breakers without opening the
13 access panel.

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15 14. A remote distribution cabinet comprising:
16 at least one panelboard;
17 a means for incorporating said panelboard into a frame structure for the remote
18 distribution cabinet.

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20 15. The remote distribution cabinet of claim 14 the means for incorporating said
21 panelboard into the frame structure includes a bottom member sized to allow the remote
22 distribution cabinet to fit within a raised floor tile space.

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24 16. The remote distribution cabinet of claim 15 further comprising a junction box
25 attached to the bottom member so as to be disposed beneath a raised floor.

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27 17. The remote distribution cabinet of claim 14 wherein the panelboard comprises a
28 plurality of circuit breakers and the remote distribution cabinet further comprises at least
29 one access panel covering the plurality of circuit breakers.

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1 18. The remote distribution cabinet of claim 17 wherein the access panel allows
2 visual inspection of the circuit breakers without opening the access panel.

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4 19. The remote distribution cabinet of claim 17 wherein said access panel is
5 adjustable to allow for a shift in the position of the circuit breakers within the panelboard.

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7 20. The remote distribution cabinet of claim 1 comprising at least two panelboards
8 wherein one or more panelboards are arranged to receive power from different sources.

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10 21. The remote distribution cabinet of claim 20 further comprising a tie-breaker for
11 providing power from one of a plurality of sources to one or more panelboards.
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